

The latest figures, data and facts on clean mobility with alternative drives and fuels

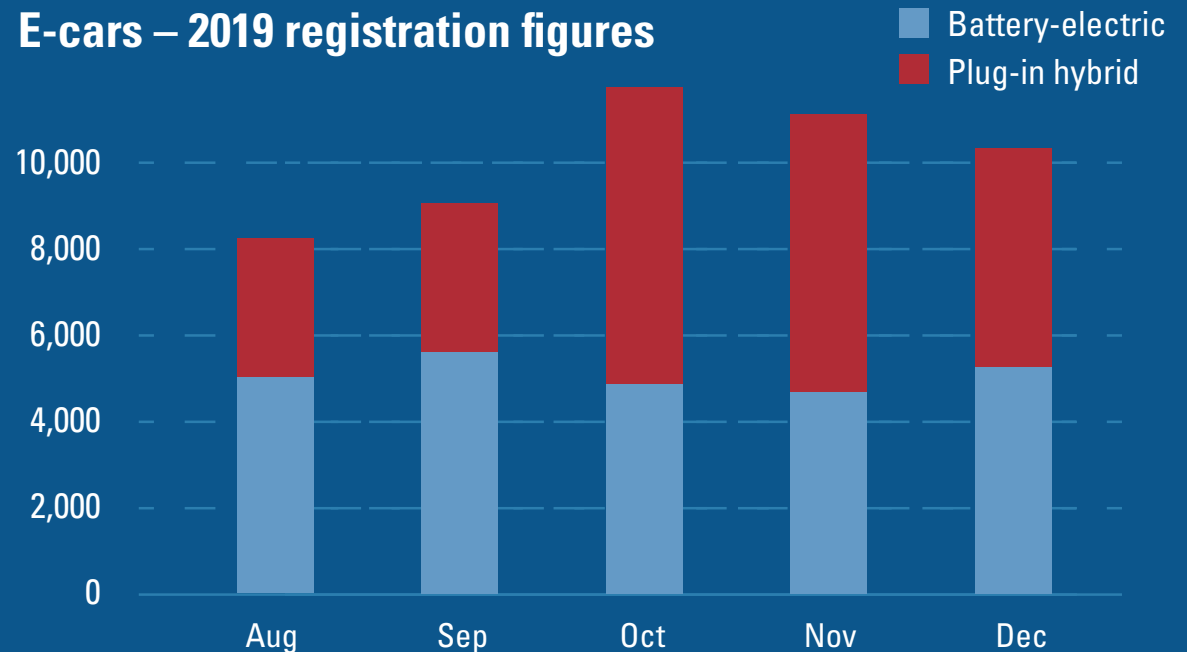
NOW GmbH takes a holistically thought-out approach to clean and efficient electric mobility in an integrated energy system with the key technologies of batteries, hydrogen and fuel cells. NOW GmbH coordinates funding programmes for alternative fuels and drives and advises the federal government in these areas. The funding programmes are: The National Innovation Programme for Hydrogen and Fuel Cell Technology, Local Electric Mobility, Charging Infrastructure for Electric Vehicles, The Mobility and Fuels Strategy of the federal government.



We are the national coordinating office for charging infrastructure. Our first objective:

1,000 new fast-charging locations

E-cars – 2019 registration figures



146,456
battery-electric cars

705
hydrogen-operated cars

drive on Germany's roads

(Stock plus new registrations, status 01/2020, source: KBA)



HyLand – hydrogen regions in Germany

Competition of the Federal Ministry of Transport and Digital Infrastructure on supporting regional hydrogen concepts.



HYPERFORMER
IMPLEMENTATION



HYEXPERTS
REGIONAL CONCEPTS



HYSTARTER
ACTOR NETWORKS



Hydrogen in heavy transport:

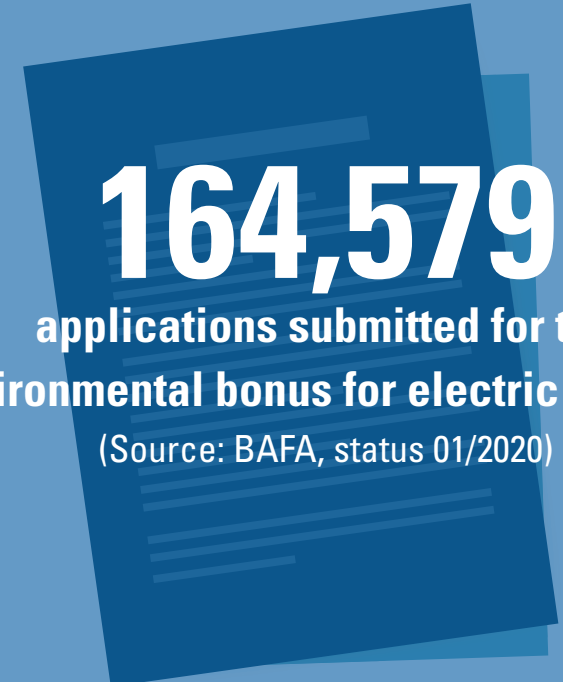
Pilot project for retrofitting heavy diesel trucks with hydrogen-hybrid drives begins.



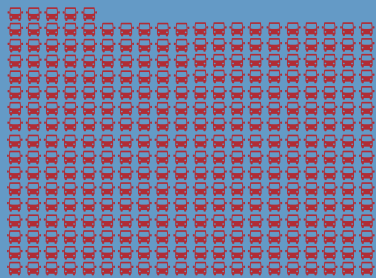
164,579

applications submitted for the environmental bonus for electric mobility

(Source: BAFA, status 01/2020)



Clean buses in Germany



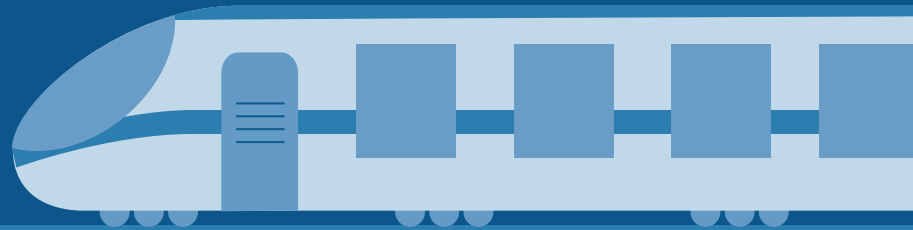
325

battery-electric



22

hydrogen-operated



54%

of the German rail network is electrified. To reduce emissions on the non-electrified routes, drives with batteries and fuel cells can be used.

By 2038

the potential number of alternative drives used in local rail passenger services is estimated to reach up to 1,700-2,000 vehicles.

Public charging infrastructure

Stock according to federal state



Fast-charging points

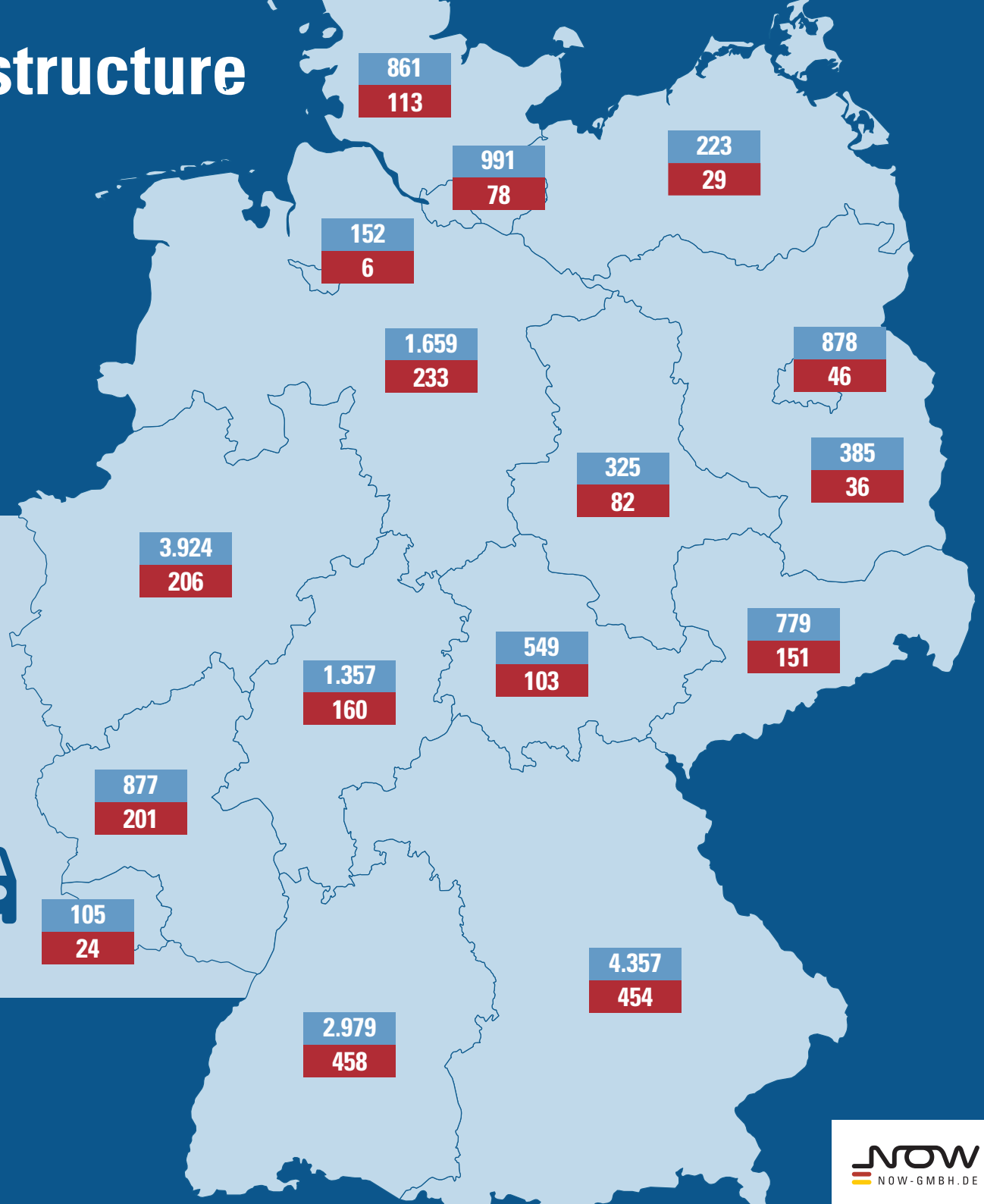


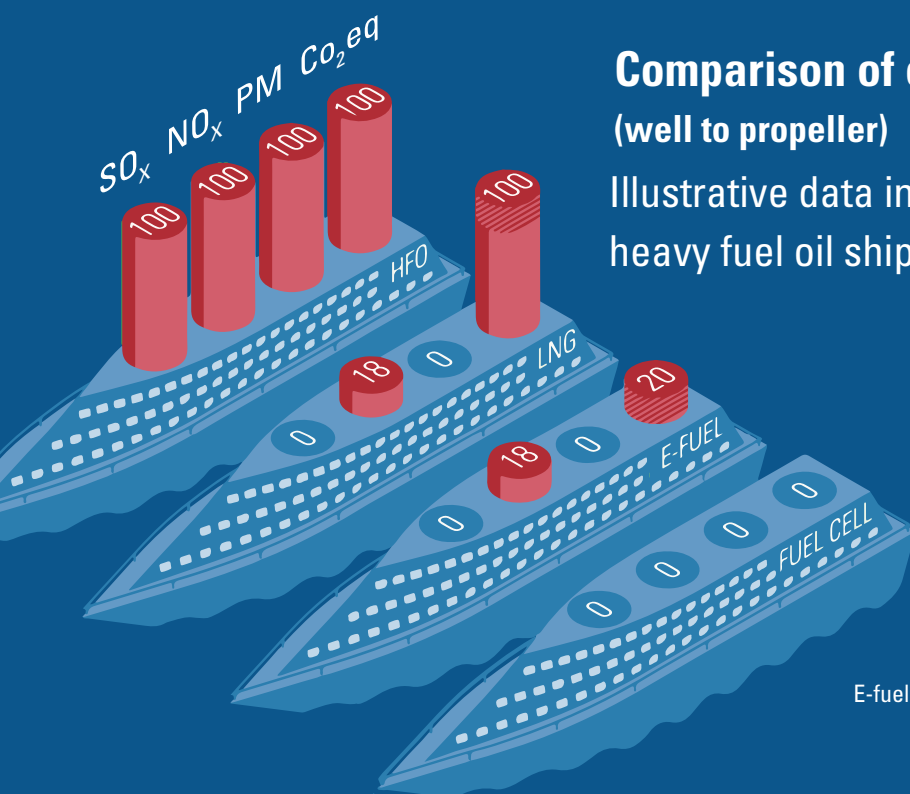
Regular charging points

6

e-cars currently avail of one
public charging point

(Status 01/2020; Sources KBA and BDEW)





Approx. 3 millionen
e-vehicles are already on the road in
China – that represents 1.5% of the
entire vehicle stock.



505
radio masts will be additionally
equipped with fuel cell technology from
2019 in Baden-Württemberg, Bavaria,
Brandenburg, Hesse and Saxony.

Hydrogen refuelling stations in Germany:

